

FIG. 1

residue	consensus
Arginine	-1.76
Lysine	-1.10
Aspartic acid	-0.72
Glutamine	-0.69
Asparagine	-0.64
Glutamic acid	-0.62
Histidine	-0.40
Serine	-0.26
Threonine	-0.18
Proline	-0.07
Tyrosine	0.02
Cysteine	0.04
Glycine	0.16
Alanine	0.25
Methionine	0.26
Tryptophan	0.37
Leucine	0.53
Valine	0.54
Phenylalanine	0.61
Isoleucine	0.73

FIG. 2

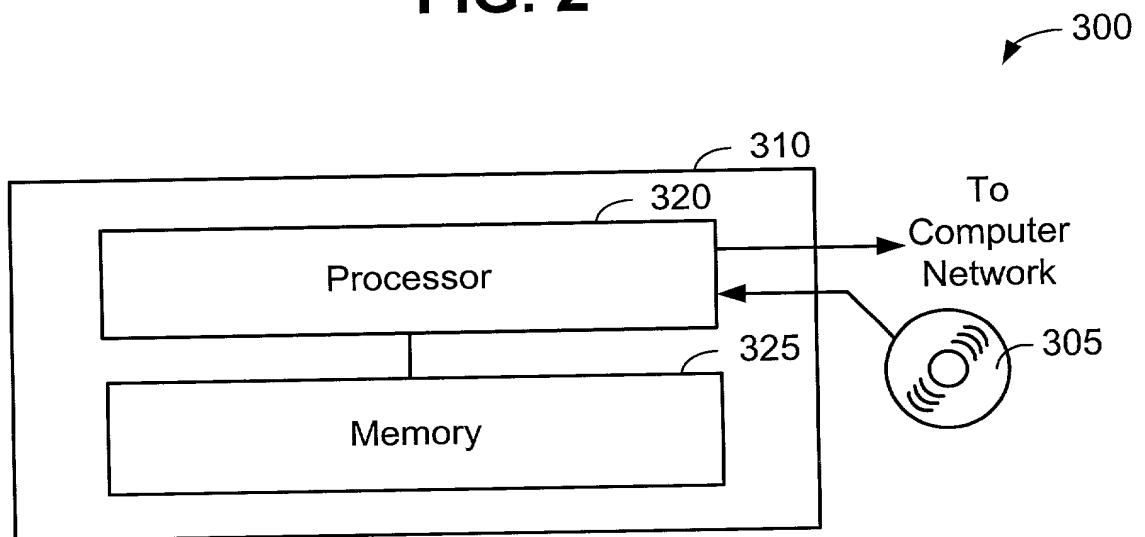


FIG. 3

pdb id	number	pdb id	number
1ORC	63	1BN1- α	257
1CDZ	96	2DRI	271
1NEU	115	1AUA	296
1DZO- α	120	1LDM	329
1A4V	123	1FSZ	334
1AT0	125	1UBY	348
1PDO	129	1A26	351
2SNS	141	1PHC	405
1CQ2- α	153	1BGV	449
1PHR	154	3PBG	468
1CTQ	166	1GAI- α	472
121P	166	3COX- α	500
1DZV	206	1FEH	574
1AUN	208	B_1FJF- α	234
1LBU	213	C_1FJF- α	206
2ACT	218	D_1FJF- α	208
1AKZ	223		

FIG. 4

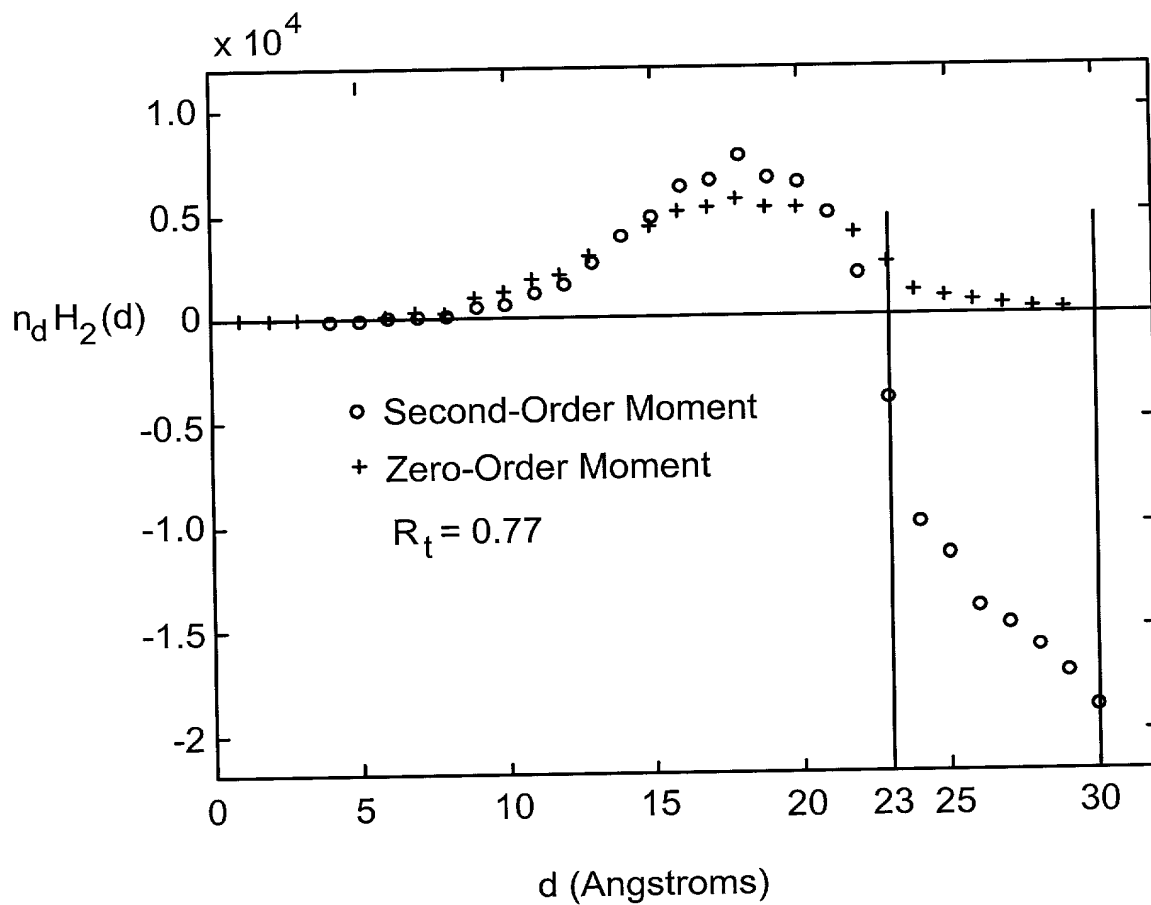


FIG. 5

d(Ang.)	n_d	$H_0(d)$	$H_2(d)$
4	1	0.288	2.62
5	1	0.288	2.62
6	5	0.607	16.86
7	7	0.657	22.28
8	7	0.657	22.28
9	13	0.842	45.1
10	16	0.779	44.53
11	24	0.738	54.44
12	27	0.75	60.8
13	40	0.675	67.57
14	53	0.645	75.13
15	63	0.606	76.76
16	77	0.574	81.75
17	89	0.51	74.23
18	101	0.487	77.2
19	114	0.403	58.94
20	138	0.328	47.12
21	156	0.266	32.14
22	168	0.211	12.68
23	184	0.127	-21.54
24	200	0.063	-49.53
25	208	0.048	-54.96
26	215	0.029	-64.99
27	218	0.023	-67.81
28	220	0.016	-72.45
29	221	0.008	-77.65
30	223	0	-84.67

FIG. 6

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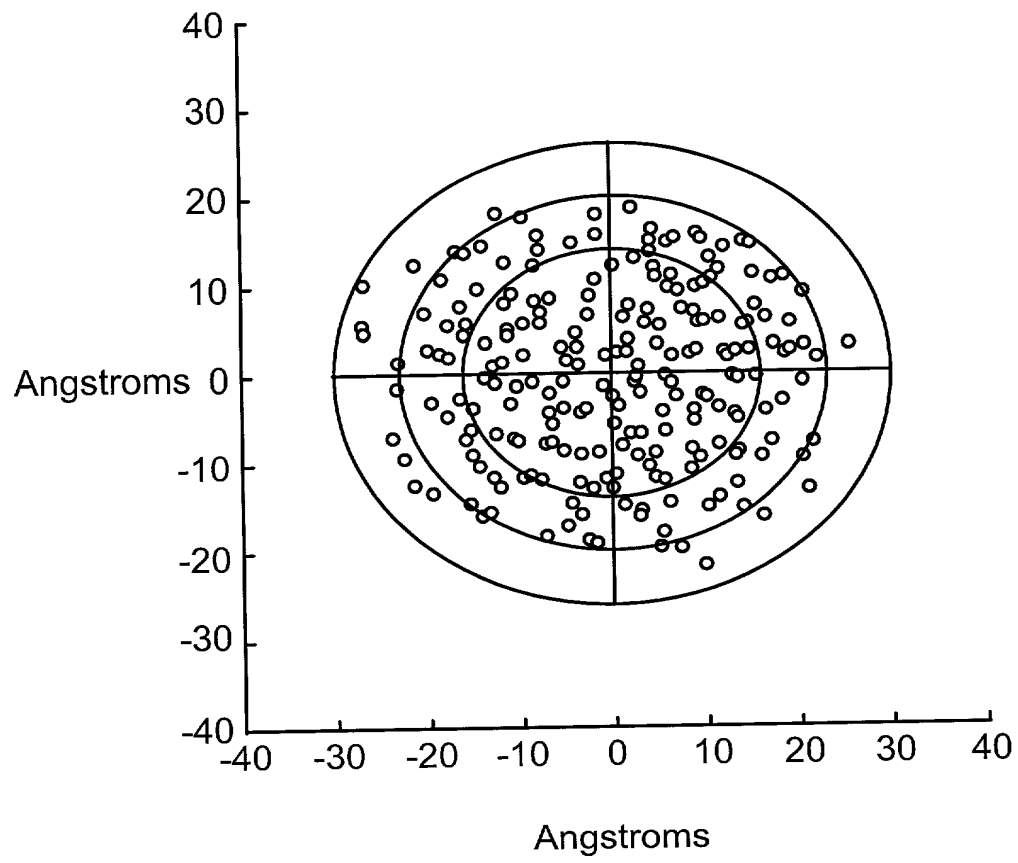


FIG. 7

d(Ang.)	n_d	$H_0(d)$	$H_2(d)$
4	1	-0.421	-3.84
5	1	-0.421	-3.84
6	5	-0.486	-13.50
7	7	-0.518	-17.11
8	7	-0.518	-17.11
9	13	-0.238	-6.41
10	16	-0.187	-3.92
11	24	-0.025	8.41
12	27	0.011	11.64
13	40	0.041	12.76
14	53	0.040	10.66
15	63	0.058	14.02
16	77	-0.074	-17.48
17	89	-0.003	1.23
18	101	-0.008	-0.24
19	114	-0.024	-5.92
20	138	-0.021	-4.35
21	156	-0.009	-0.19
22	168	-0.008	-0.19
23	184	0.004	5.15
24	200	0.009	7.99
25	208	0.018	13.58
26	215	0.034	23.84
27	218	0.024	16.36
28	220	0.015	10.03
29	221	0.011	6.64
30	223	0.000	-2.56

FIG. 8

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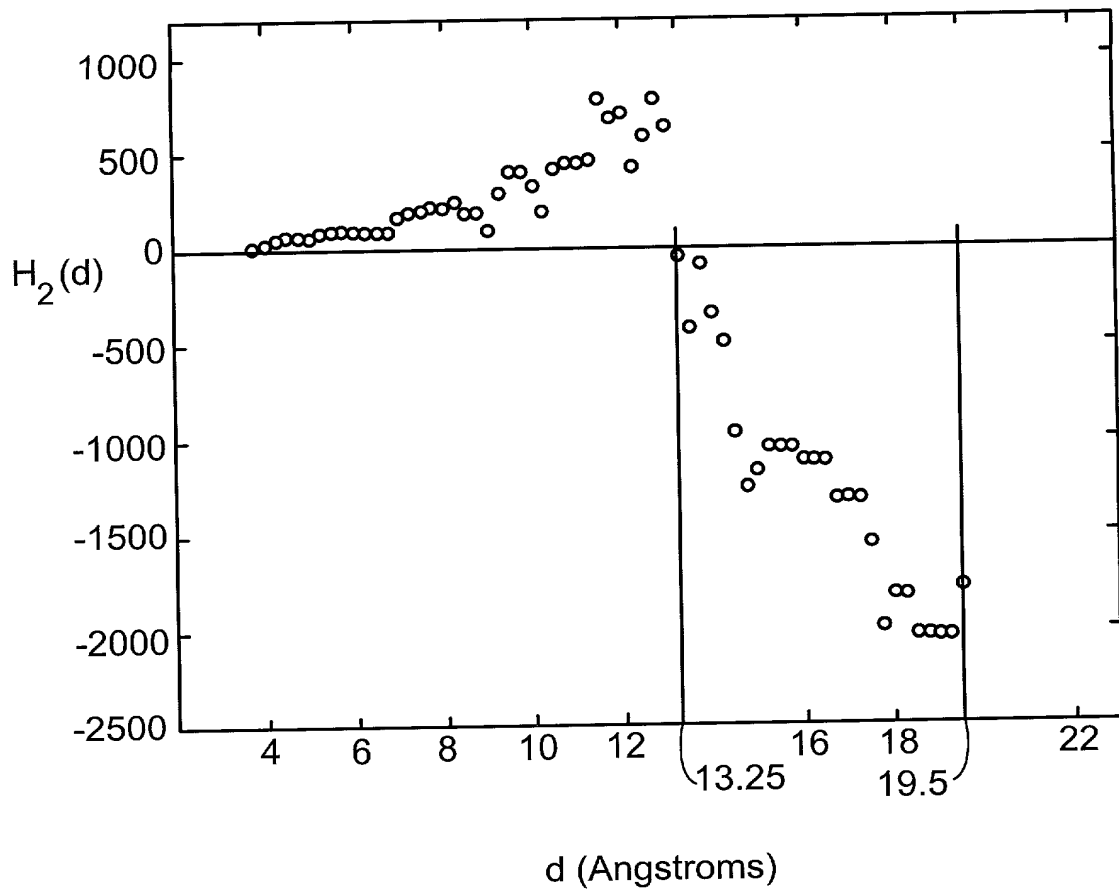


FIG. 9

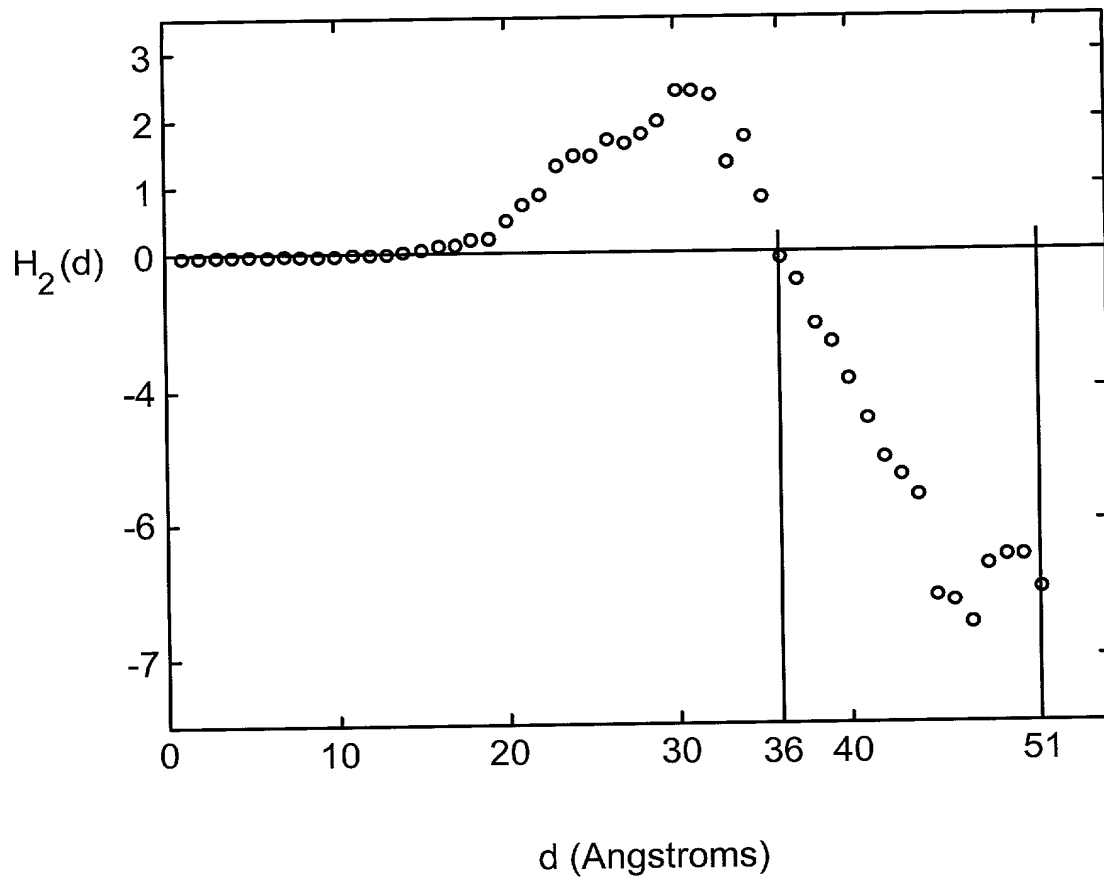


FIG. 10

pdb id	d ₋ /d ₀	Rt	spherical	pdb id	d ₋ /d ₀	Rt	spherical
1ORC	14/20	0.70	0.68	1BN1- α	23/30	0.8	0.72
1CDZ	18/23	0.78	0.73	2DRI	31/37	0.8	0.94
1NEU	18/28	0.64	0.64	1AUA	28/34	0.8	0.79
1DZO- α	21/29	0.72	0.68	1LDM	30/37	0.8	0.71
1A4V	20/29	0.69	0.63	1FSZ	25/34	0.7	0.70
1AT0	19/25	0.76	0.74	1UBY	30/43	0.70	0.70
1PDO	18/23	0.78	0.70	1A26	29/41	0.71	0.68
2SNS	20/28	0.71	0.63	1PHC	29/38	0.8	0.73
1CQ2- α	17/25	0.68	0.70	1BGV	30/38	0.8	0.76
1PHR	19/26	0.73	0.69	3PBG	29/37	0.8	0.77
1CTQ	19/25	0.76	0.79	1GAI- α	27/37	0.7	0.66
121P	19/25	0.76	0.75	3COX- α	30/38	0.8	0.68
1DZV	26/34	0.76	0.74	1FEH	36/51	0.7	0.63
1AUN	22/29	0.76	0.71	B_1FJF- α	25/43	0.6	0.49
1LBU	20/29	0.69	0.58	C_1FJF- α	26/36	0.7	0.73
2ACT	22/28	0.79	0.70	D_1FJF- α	29/33	0.9	0.81
1AKZ	23/30	0.77	0.72				

FIG. 11

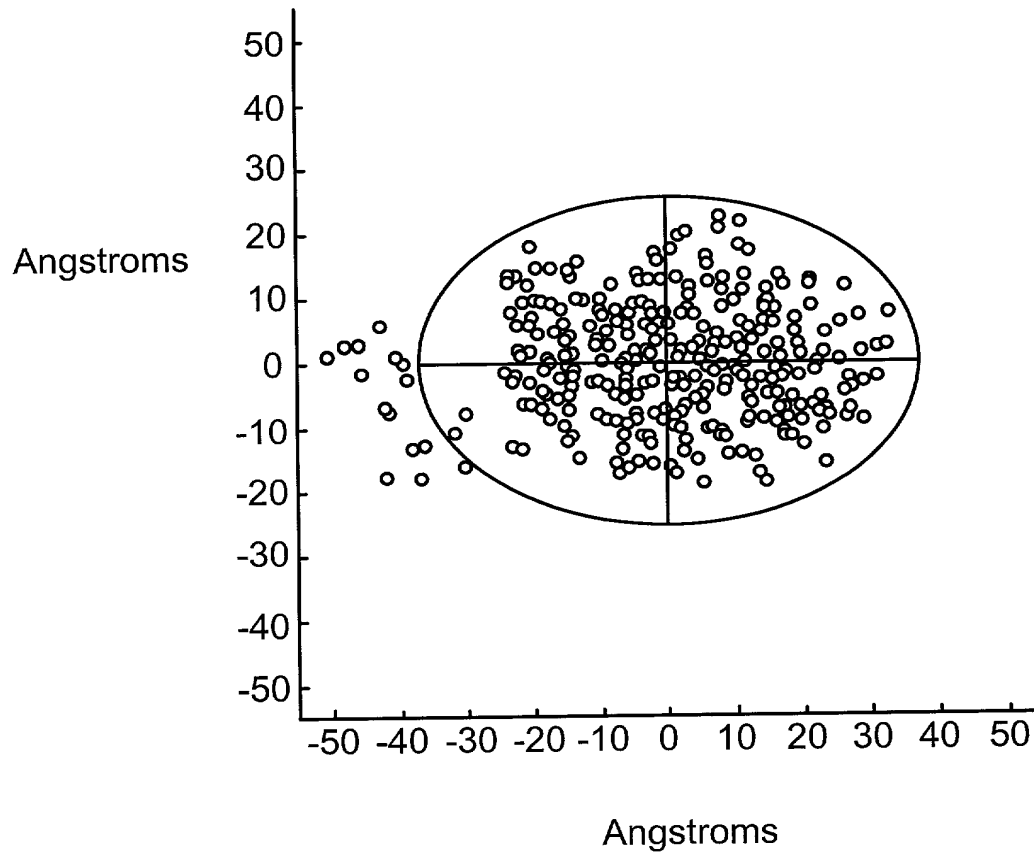


FIG. 12

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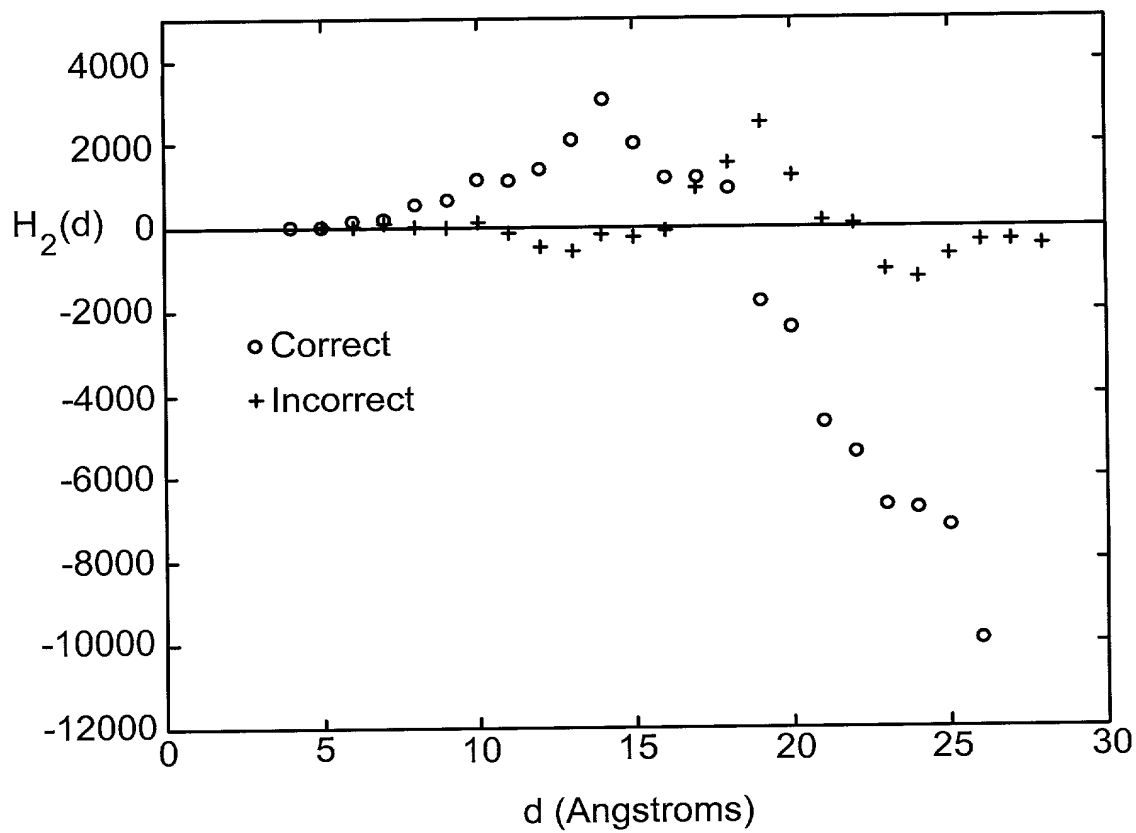


FIG. 13